



AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently Amended) A method for navigating user interface elements, the method comprising:

grouping user interface elements of a user interface of a computer program application into groups based on a hierarchical arrangement of the user interface elements, the hierarchical arrangement allowing for sibling groups and parent groups; and

detecting a navigation key press of a sibling navigation key having a first group identifier [[or]] and a parent navigation key having a second group identifier, and if the navigation key is [[a]] the sibling navigation key, shifting input focus to a next sibling group in the hierarchy, and if the navigation key is [[a]] the parent navigation key, shifting input focus to a parent group in the hierarchy.

2. (Original) The method of claim 1, further comprising:

creating one or more hierarchical tab chains to contain all user interface controls currently displayed by the application, wherein each user interface control is contained in a container, all user interface controls are arranged in a tab chain hierarchy according to an arrangement of the containers that contain the controls, each container is

represented as a node in the tab chain hierarchy, and a separate tab chain is created for each container.

3. (Original) The method of claim 2, wherein:

creating a new view creates a view container that contains all the user interface controls for the new view; and

the hierarchical tab chain for the new view is added to the existing tab chain by adding a new node for the new view container in the existing hierarchical tab chain.

4. (Currently Amended) A computer implemented method for navigating editable cells of a table, the method comprising:

detecting a navigation key press of a forward navigation key having a first group identifier or a backward navigation key having a second group identifier;

if the navigation key is [[a]] the forward navigation key, shifting input focus to a next editable cell of the table; and

if the navigation key is [[a]] the backward navigation key, shifting input focus to a previous editable cell of the table.

5. (Original) The method of claim 4, further comprising:

switching the editable cell to the edit mode, if a switch-cell-mode key is pressed while an editable cell currently having input focus is not in an edit mode;

wherein user input modifies content of the editable cell, if the editable cell is in the edit mode.

6. (Original) The method of claim 5, further comprising:

switching the editable cell to a focus mode, in which the content of the editable cell cannot be modified, if a switch-cell-mode key is pressed while the editable cell currently having input focus is in the edit mode.

7. (Currently Amended) A computer program product[[,]] tangibly embodied in an ~~information-carrier~~ a computer-readable storage medium, comprising instructions operable to cause a data processing apparatus to:

group user interface elements of a user interface of a computer program application into groups based on a hierarchical arrangement of the user interface elements, the hierarchical arrangement allowing for sibling groups and parent groups; and

detect a navigation key press of a sibling navigation key having a first group identifier [[or]] and a parent navigation key having a second group identifier, and if the navigation key is [[a]] the sibling navigation key, shift input focus to a next sibling group in the hierarchy, and if the navigation key is [[a]] the parent navigation key, shift input focus to a parent group in the hierarchy.

8. (Original) The product of claim 7, further comprising instructions to:

create one or more hierarchical tab chains to contain all user interface controls currently displayed by the application, wherein each user interface control is contained in a container, all user interface controls are arranged in a tab chain hierarchy according

to an arrangement of the containers that contain the controls, each container is represented as a node in the tab chain hierarchy, and a separate tab chain is created for each container.

9. (Original) The product of claim 8, wherein:

creating a new view for the application creates a view container that contains all the user interface controls for the new view; and

the hierarchical tab chain for the new view is added to the existing tab chain by adding a new node for the new view container in the existing hierarchical tab chain.

10. (Currently Amended) A computer program product~~[[,]]~~ tangibly embodied in ~~an information carrier~~ a computer-readable storage medium, for navigating editable cells of a table, the product comprising instructions operable to cause a data processing apparatus to:

detect a navigation key press of a forward navigation key having a first group identifier or a backward navigation key having a second group identifier;

if the navigation key is ~~[[a]]~~ the forward navigation key, shift input focus to a next editable cell of the table; and

if the navigation key is ~~[[a]]~~ the backward navigation key, shift input focus to a previous editable cell of the table.

11. (Original) The method of claim 10, further comprising instructions to:

switch the editable cell to the edit mode if a switch-cell-mode key is pressed while an editable cell currently having input focus is not in an edit mode;
wherein user input modifies content of the editable cell, if the editable cell is in the edit mode.

12. (Original) The method of claim 11, further comprising instructions to:

switch the editable cell to a focus mode, in which the content of the editable cell cannot be modified, if a switch-cell-mode key is pressed while the editable cell currently having input focus is in the edit mode.

13. (Currently Amended) A system comprising:

means for grouping user interface elements of a user interface of a computer program application into groups based on a hierarchical arrangement of the user interface elements, the hierarchical arrangement allowing for sibling groups and parent groups; and

means for detecting a navigation key press of a sibling navigation key having a first group identifier [[or]] and a parent navigation key having a second group identifier, and if the navigation key is [[a]] the sibling navigation key, shifting input focus to a next sibling group in the hierarchy, and if the navigation key is [[a]] the parent navigation key, shifting input focus to a parent group in the hierarchy.

14. (Original) The system of claim 13, further comprising:

means for creating one or more hierarchical tab chains to contain all user interface controls currently displayed by the application, wherein each user interface control is contained in a container, all user interface controls are arranged in a tab chain hierarchy according to an arrangement of the containers that contain the controls, each container is represented as a node in the tab chain hierarchy, and a separate tab chain is created for each container.

15. (Original) The system of claim 14, wherein:

creating a new view creates a view container that contains all the user interface controls for the new view; and

the hierarchical tab chain for the new view is added to the existing tab chain by adding a new node for the new view container in the existing hierarchical tab chain.